

TO: Mail Stop 8, Director of U.S.  
Patent and Trademark Office  
~~Commissioner of Patents and Trademarks~~  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
Washington, D.C. 20231  
POB 1450, Alexandria, VA 22313-1450

**REPORT ON THE  
FILING OR DETERMINATION OF AN  
ACTION REGARDING A PATENT OR  
TRADEMARK**

In Compliance with 35 § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been  
filed in the U.S. District Court EDVA Richmond Dvn. on the following ☒ Patents or ☐ Trademarks:

DOCKET NO. 3:08CV627	DATE FILED Sept. 26, 2008	U.S. DISTRICT COURT Eastern District of Virginia Richmond Division
PLAINTIFF  WIVA Solutions LLC		DEFENDANT  Research in Motion, Ltd., et al
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
See complaint attached	6,256,606	
2 7,120,578		
3 6,275,794		
4 6,507,814		
5 7,266,493		

In the above-entitled case, the following patent(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
1 6,633,841			
2 6,1104,992			
3 6,385,573			
4 6,539,205			
5 6,680,920			

In the above-entitled case, the following decision has been rendered or judgment issued:

DECISION/JUDGMENT
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CLERK <b>Fernando Galindo, Clerk</b>	(BY) DEPUTY CLERK <b>Lois Salmon</b> <i>Lois Salmon</i>	DATE September 29, 2008
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and methods covered by the Patents-in-Suit has threatened the value of this intellectual property because Defendants' conduct results in Plaintiff's loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and/or importing the patented inventions.

31. Defendants' disregard for Plaintiff's property rights similarly threatens Plaintiff's relationships with potential licensees of this intellectual property. Defendants will derive a competitive advantage over any of Plaintiff's future licensees from using Plaintiff's patented technology without paying compensation for such use. Accordingly, unless and until Defendants' continued acts of infringement are enjoined, Plaintiff will suffer further irreparable harm for which there is no adequate remedy at law.

## **COUNT I**

### **(Infringement of United States Patent No. 6,256,606)**

32. Paragraphs 1 through 31 are incorporated by reference as if fully restated herein.

33. Mindspeed is the assignee and lawful owner of all right, title and interest in and to the '606 Patent. Plaintiff WiAV is an exclusive licensee in a field of use under the '606 Patent. The '606 Patent is attached as Exhibit 1 hereto.

34. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '606 Patent.

35. Defendants have been and continue infringing one or more of the claims of the '606 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

36. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

## **COUNT II**

### **(Willful Patent Infringement of United States Patent No. 6,256,606)**

37. Paragraphs 1 through 36 are incorporated by reference as if fully restated herein.

38. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '606 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to compensate for the infringement of the '606 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

## **COUNT III**

### **(Infringement of United States Patent No. 7,120,578)**

39. Paragraphs 1 through 38 are incorporated by reference as if fully restated herein.

40. Mindspeed is the assignee and lawful owner of all right, title and interest in and to the '578 Patent. Plaintiff WiAV is an exclusive licensee in a field of use under the '578 Patent. The '578 Patent is attached as Exhibit 2 hereto.

41. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '578 Patent.

42. Defendants have been and continue infringing one or more of the claims of the '578 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

43. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

#### **COUNT IV**

##### **(Willful Patent Infringement of United States Patent No. 7,120,578)**

44. Paragraphs 1 through 43 are incorporated by reference as if fully restated herein.

45. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '578 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to

compensate for the infringement of the '578 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

## **COUNT V**

### **(Infringement of United States Patent No. 6,275,794)**

46. Paragraphs 1 through 45 are incorporated by reference as if fully restated herein.

47. Mindspeed is the assignee and lawful owner of all right, title and interest in and to the '794 Patent. Plaintiff WiAV is an exclusive licensee in a field of use under the '794 Patent. The '794 Patent is attached as Exhibit 3 hereto.

48. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '794 Patent.

49. Defendants have been and continue infringing one or more of the claims of the '794 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

50. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

## **COUNT VI**

### **(Willful Patent Infringement of United States Patent No. 6,275,794)**

51. Paragraphs 1 through 50 are incorporated by reference as if fully restated herein.

52. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '794 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to compensate for the infringement of the '794 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

## **COUNT VII**

### **(Infringement of United States Patent No. 6,507,814)**

53. Paragraphs 1 through 52 are incorporated by reference as if fully restated herein.

54. Mindspeed is the assignee and lawful owner of all right, title and interest in and to the '814 Patent. Plaintiff WiAV is an exclusive licensee in a field of use under the '814 Patent. The '814 Patent is attached as Exhibit 4 hereto.

55. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '814 Patent.

56. Defendants have been and continue infringing one or more of the claims of the '814 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

57. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

### **COUNT VIII**

#### **(Willful Patent Infringement of United States Patent No. 6,507,814)**

58. Paragraphs 1 through 57 are incorporated by reference as if fully restated herein.

59. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '814 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to compensate for the infringement of the '814 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

### **COUNT IX**

#### **(Infringement of United States Patent No. 7,266,493)**

60. Paragraphs 1 through 59 are incorporated by reference as if fully restated herein.

61. Mindspeed is the assignee and lawful owner of all right, title and interest in and to the '493 Patent. Plaintiff WiAV is an exclusive licensee in a field of use under the '493 Patent. The '493 Patent is attached as Exhibit 5 hereto.

62. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '493 Patent.

63. Defendants have been and continue infringing one or more of the claims of the '493 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

64. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

### **COUNT X**

#### **(Willful Patent Infringement of United States Patent No. 7,266,493)**

65. Paragraphs 1 through 64 are incorporated by reference as if fully restated herein.

66. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '493 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to



compensate for the infringement of the '493 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

## **COUNT XI**

### **(Infringement of United States Patent No. 6,633,841)**

67. Paragraphs 1 through 66 are incorporated by reference as if fully restated herein.

68. Mindspeed is the assignee and lawful owner of all right, title and interest in and to the '841 Patent. Plaintiff WiAV is an exclusive licensee in a field of use under the '841 Patent. The '841 Patent is attached as Exhibit 6 hereto.

69. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '841 Patent.

70. Defendants have been and continue infringing one or more of the claims of the '841 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

71. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

## **COUNT XII**

### **(Willful Patent Infringement of United States Patent No. 6,633,841)**

72. Paragraphs 1 through 71 are incorporated by reference as if fully restated herein.

73. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '841 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to compensate for the infringement of the '841 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

## **COUNT XIII**

### **(Infringement of United States Patent No. 6,104,992)**

74. Paragraphs 1 through 73 are incorporated by reference as if fully restated herein.

75. Mindspeed is the assignee and lawful owner of all right, title and interest in and to the '992 Patent. Plaintiff WiAV is an exclusive licensee in a field of use under the '992 Patent. The '992 Patent is attached as Exhibit 7 hereto.

76. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '992 Patent.

77. Defendants have been and continue infringing one or more of the claims of the '992 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

78. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

#### **COUNT XIV**

##### **(Willful Patent Infringement of United States Patent No. 6,104,992)**

79. Paragraphs 1 through 78 are incorporated by reference as if fully restated herein.

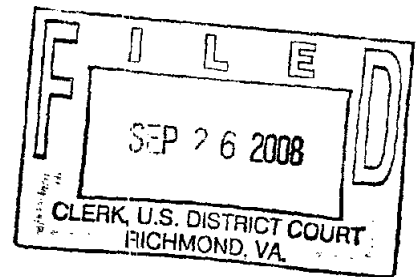
80. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '992 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to compensate for the infringement of the '992 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

#### **COUNT XV**

##### **(Infringement of United States Patent No. 6,385,573)**

81. Paragraphs 1 through 80 are incorporated by reference as if fully restated herein.

IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF VIRGINIA  
RICHMOND DIVISION



WIAV SOLUTIONS LLC,  
a Virginia Limited Liability Company

Plaintiff,

v.

RESEARCH IN MOTION, LTD.,  
a Canadian company;

RESEARCH IN MOTION CORP.,  
a Delaware company; and

APPLE INC.,  
a California company;

Defendants, and

MINDSPEED TECHNOLOGIES, INC.,  
a Delaware company,

Defendant Patent Owner.

C.A. NO. 3:08cv427

JURY TRIAL DEMANDED

**COMPLAINT**

1. Plaintiff WiAV Solutions LLC ("WiAV" or "Plaintiff"), by and through its attorneys, hereby demands a jury trial and complains of Defendants Research in Motion, Ltd., Research in Motion Corp. and Apple Inc. (collectively "Defendants") as set forth below. Mindspeed Technologies, Inc. ("Mindspeed") is named as a party to this litigation and denominated as a defendant patent owner.

82. Mindspeed is the assignee and lawful owner of all right, title and interest in and to the '573 Patent. Plaintiff WiAV is an exclusive licensee in a field of use under the '573 Patent. The '573 Patent is attached as Exhibit 8 hereto.

83. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '573 Patent.

84. Defendants have been and continue infringing one or more of the claims of the '573 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

85. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

#### **COUNT XVI**

##### **(Willful Patent Infringement of United States Patent No. 6,385,573)**

86. Paragraphs 1 through 85 are incorporated by reference as if fully restated herein.

87. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '573 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to

compensate for the infringement of the '573 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

## **COUNT XVII**

### **(Infringement of United States Patent No. 6,539,205)**

88. Paragraphs 1 through 87 are incorporated by reference as if fully restated herein.

89. Plaintiff WiAV is the assignee and lawful owner of all right, title and interest in and to the '205 Patent. The '205 Patent is attached as Exhibit 9 hereto.

90. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '205 Patent.

91. Defendants have been and continue infringing one or more of the claims of the '205 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

92. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

## **COUNT XVIII**

**(Willful Patent Infringement of United States Patent No. 6,539,205)**

93. Paragraphs 1 through 92 are incorporated by reference as if fully restated herein.

94. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '205 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to compensate for the infringement of the '205 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

**COUNT XIX**

**(Infringement of United States Patent No. 6,680,920)**

95. Paragraphs 1 through 94 are incorporated by reference as if fully restated herein.

96. Plaintiff WiAV is the assignee and lawful owner of all right, title and interest in and to the '920 Patent. The '920 Patent is attached as Exhibit 10 hereto.

97. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '920 Patent.

98. Defendants have been and continue infringing one or more of the claims of the '920 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

99. Plaintiff is entitled to recover damages adequate to compensate for the infringement.

### **COUNT XX**

#### **(Willful Patent Infringement of United States Patent No. 6,680,920)**

100. Paragraphs 1 through 99 are incorporated by reference as if fully restated herein.

101. Defendants' infringement has been willful, deliberate and with knowledge of Plaintiff's rights under the '920 Patent, and unless Defendants are enjoined by this Court, such acts of willful infringement by Defendants will continue. Therefore, Plaintiff is without adequate remedy at law. Plaintiff is entitled to recover damages adequate to compensate for the infringement of the '920 Patent, as well as additional damages for willful infringement including increased damages under 35 U.S.C. § 284 and to attorneys' fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

### **PRAYER FOR RELIEF**

WHEREFORE, Plaintiff prays for judgment against Defendants, granting Plaintiff the following relief:



A. That this Court adjudge and decree that Defendants have infringed, directly and/or indirectly, the '606 Patent, the '578 Patent, the '794 Patent, the '814 Patent, the '493 Patent, the '841 Patent, the '992 Patent, the '573 Patent, the '205 Patent, and the '920 Patent;

B. That this Court permanently enjoin Defendants, and their parents, subsidiaries, affiliates, successors and assigns, and each of their officers, directors, employees, representatives, agents, and attorneys, and all persons within their control, from making, using, selling, offering to sell, importing, or advertising products and/or services and/or employing systems, hardware, software and/or components and/or making use of systems or processes that infringe any of the claims of the Patents-In-Suit, or otherwise engaging in acts of infringement of the Patents-In-Suit, all as alleged herein;

C. That this Court order an accounting to determine the damages to be awarded to Plaintiff as a result of Defendants' infringement;

D. That this Court order an accounting to determine the damages to be awarded to Plaintiff as a result of Defendants' infringement following the period of damages established by Plaintiff at trial;

E. That this Court, pursuant to 35 U.S.C. § 284, enter an award to Plaintiff of such damages as it shall prove at trial against Defendants that are adequate to compensate Plaintiff for said infringement, said damages to be no less than a reasonable royalty together with interest and costs;

F. That this Court find that Defendants' infringement is willful and enter an award of enhanced damages up to three times the amount of actual damages pursuant to 35 U.S.C. §284;

G. That this Court assess pre-judgment and post-judgment interest and costs against Defendants, together with an award of such interest and costs, in accordance with 35 U.S.C. § 284;

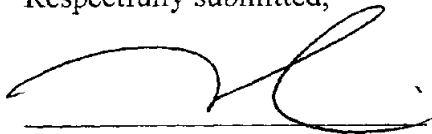
H. That this Court declare this case to be exceptional and direct Defendants to pay Plaintiff's attorneys' fees incurred in connection with this lawsuit pursuant to 35 U.S.C. § 285; and

I. Grant to Plaintiff such other, further, and different relief as may be just and proper.

#### **JURY DEMAND**

Plaintiff demands a trial by jury of all matters to which it is entitled to trial by jury pursuant to FED. R. CIV. P. 38.

Respectfully submitted,



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Attorneys for Plaintiff WiAV Solutions LLC

Dated: September 26, 2008

## NATURE OF THE ACTION

2. This is an action for patent infringement arising under the patent laws of the United States, 35 U.S.C. §§ 271, *et seq.* to enjoin and obtain damages resulting from Defendants' unauthorized manufacture, use, sale, offer to sell and/or importation into the United States for subsequent use or sale of products, methods, processes, services and/or systems that infringe one or more claims of United States Patent No. 6,256,606 ("the '606 Patent"), entitled "Silence description coding for multi-rate speech codecs," United States Patent No. 7,120,578 ("the '578 Patent"), entitled "Silence description coding for multi-rate speech codecs," United States Patent No. 6,275,794 ("the '794 Patent"), entitled "System for detecting voice activity and background noise/silence in a speech signal using pitch and signal to noise ratio information," United States Patent No. 6,507,814 ("the '814 Patent"), entitled "Pitch determination using speech classification and prior pitch estimation," United States Patent No. 7,266,493 ("the '493 Patent"), entitled "Pitch determination based on weighting of pitch lag candidates," United States Patent No. 6,633,841 ("the '841 Patent"), entitled "Voice activity detection speech coding to accommodate music signals," United States Patent No. 6,104,992 ("the '992 Patent"), entitled "Adaptive gain reduction to produce fixed codebook target signal," United States Patent No. 6,385,573 ("the '573 Patent"), entitled "Adaptive tilt compensation for synthesized speech residual," United States Patent No. 6,539,205 ("the '205 Patent"), entitled "Traffic channel quality estimation from a digital control channel," and United States Patent No. 6,680,920 ("the '920 Patent"), entitled "Power management system for a mobile station" (collectively the "Patents-in-Suit"). Plaintiff seeks injunctive relief to prevent Defendants from continuing to infringe the Patents-in-Suit. In addition, Plaintiff

seeks a recovery of monetary damages resulting from Defendants' past infringement of these patents.

3. This action for patent infringement involves Defendants' manufacture, use, sale, offer for sale, and/or importation into the United States of infringing products, methods, processes, services and systems that operate using Global System for Mobile ("GSM") communications and/or using Wideband Code Division Multiple Access ("W-CDMA") communications and/or that utilize one or more Adaptive Multi-Rate ("AMR") voice characterization and/or compression codecs.

4. On July 30, 2008, WiAV filed a complaint for patent infringement against RIM, Apple and another defendant in an action assigned Civil Action No. 3:08-cv-00485-REP. The dispute between WiAV and Mindspeed regarding Mindspeed's obligations has not been resolved. Therefore, on September 26, 2008, prior to the filing of this action, a dismissal without prejudice was filed with the Court for Civil Action No. 3:08-cv-00485-REP. None of the defendants in that action had answered or otherwise filed a responsive pleading to the complaint. This action is therefore a related action to Civil Action No. 3:08-cv-00485-REP. WiAV has filed this action to preserve its right to pursue its rights against RIM and Apple in its chosen forum and in parallel, is seeking appropriate legal remedies to resolve the dispute with Mindspeed.

#### **THE PARTIES**

5. Plaintiff WiAV is a limited liability company organized under the laws of Virginia with its principal place of business at 8133 Leesburg Pike, Suite 640, Vienna, VA 22182 in the judicial district of the Eastern District of Virginia.

6. Plaintiff WiAV is the lawful assignee of all right, title and interest in and to the '205 Patent and the '920 Patent.

7. Defendant Patent Owner Mindspeed is a Delaware corporation with its principal place of business at 4000 MacArthur Blvd., East Tower, Newport Beach, CA 92660.

8. Mindspeed is the lawful assignee of all right, title and interest in and to the '606 Patent, the '578 Patent, the '794 Patent, the '814 Patent, the '493 Patent, the '841 Patent, the '992 Patent, and the '573 Patent.

9. As a result of the foregoing, Mindspeed has an interest in the outcome of this litigation, is subject to personal jurisdiction in this Court and is a proper party to this action as either a plaintiff, defendant or involuntary plaintiff, whichever designation is deemed appropriate by the Court.

10. Plaintiff WiAV is an exclusive licensee with a right of enforcement in a specified field of use under the '606 Patent, the '578 Patent, the '794 Patent, the '814 Patent, the '493 Patent, the '841 Patent, the '992 Patent, and the '573 Patent. Pursuant to WiAV's license, WiAV has the right to bring suit for infringement of the '606 Patent, the '578 Patent, the '794 Patent, the '814 Patent, the '493 Patent, the '841 Patent, the '992 Patent, and the '573 Patent in the specified field of use.

11. Defendant Research in Motion, Ltd. ("RIM") is an Ontario, Canada corporation with its principal offices at 295 Phillip Street, Waterloo, Ontario, Canada N2L 3W8. RIM makes, uses, sells, offers for sale and/or imports in the United States certain products that infringe the Patents-In-Suit. The infringing products and services include, without limitation, products that operate according to the GSM standard and/or

the W-CDMA standard and/or use AMR encoding and/or decoding, such as, by way of example, the BlackBerry Curve 8300, BlackBerry Curve 8310, BlackBerry Curve 8320, BlackBerry Pearl 8100, BlackBerry Pearl 8110, BlackBerry Pearl 8120, BlackBerry 8800, BlackBerry 8820, BlackBerry 8830, BlackBerry 8700c, BlackBerry 8700g, BlackBerry 8700r, BlackBerry 8705g, BlackBerry 8707g, BlackBerry 7130c, BlackBerry 7130g, BlackBerry 7100g, BlackBerry 7290, BlackBerry 7780, BlackBerry 7730, BlackBerry 7280, BlackBerry 7230, BlackBerry 7210, BlackBerry 7100t, BlackBerry 6710, BlackBerry 6280, BlackBerry 6230, BlackBerry 6210, and BlackBerry 5810, and/or other RIM communication devices that are capable of wireless communication of real-time voice and communicate directly to equipment normally sold to wireless wide area network service providers, including base stations, base station controllers, and mobile switching center gateways.

12. Defendant Research in Motion Corp. ("RIM Corp.") is a corporation organized under the laws of the state of Delaware, with its principal place of business at 122 West John Carpenter Parkway, Irving, TX 75039. RIM Corp. makes, uses, sells, offers for sale and/or imports in the United States certain products that infringe the Patents-In-Suit. The infringing products and services include, without limitation, products that operate according to the GSM standard and/or the W-CDMA standard and/or use AMR encoding and/or decoding, such as, by way of example, the BlackBerry Curve 8300, BlackBerry Curve 8310, BlackBerry Curve 8320, BlackBerry Pearl 8100, BlackBerry Pearl 8110, BlackBerry Pearl 8120, BlackBerry 8800, BlackBerry 8820, BlackBerry 8830, BlackBerry 8700c, BlackBerry 8700g, BlackBerry 8700r, BlackBerry 8705g, BlackBerry 8707g, BlackBerry 7130c, BlackBerry 7130g, BlackBerry 7100g,

BlackBerry 7290, BlackBerry 7780, BlackBerry 7730, BlackBerry 7280, BlackBerry 7230, BlackBerry 7210, BlackBerry 7100t, BlackBerry 6710, BlackBerry 6280, BlackBerry 6230, BlackBerry 6210, and BlackBerry 5810, and/or other RIM Corp. communication devices that are capable of wireless communication of real-time voice and communicate directly to equipment normally sold to wireless wide area network service providers, including base stations, base station controllers, and mobile switching center gateways.

13. Defendant Apple Inc. ("Apple") is a corporation organized and existing under the laws of the State of California, with its principal place of business at 1 Infinite Loop, Cupertino, CA 95014. Apple makes, uses, sells, offers for sale and/or imports in the United States certain products that infringe the Patents-In-Suit. The infringing products and services include, without limitation, products that operate according to the GSM standard and/or the W-CDMA standard and/or use AMR encoding and/or decoding, such as, by way of example, the iPhone and iPhone 3G, and/or other Apple communication devices that are capable of wireless communication of real-time voice and communicate directly to equipment normally sold to wireless wide area network service providers, including base stations, base station controllers, and mobile switching center gateways.

#### **JURISDICTION AND VENUE**

14. This Court has jurisdiction over the subject matter of this patent infringement action pursuant to 28 U.S.C. §§ 1331 and 1338(a).

15. Defendants are subject to personal jurisdiction in the Commonwealth of Virginia because they regularly transacts business in this judicial district and division by,



among other things, offering their products and services to customers, business affiliates and partners located in this judicial district and division. In addition, the Defendants have committed acts of direct infringement, contributory infringement, and/or inducement of infringement, of one or more of the claims of one or more of the Patents-In-Suit in this judicial district and division.

16. Defendant Patent Owner Mindspeed is subject to personal jurisdiction in this Court by virtue of its business dealings with WiAV, a Virginia limited liability company.

17. Venue is proper in this district pursuant to 28 U.S.C. §§ 1391(b), 1391(c), and 1400(b) because the Defendants are subject to personal jurisdiction in this district, and have committed acts of infringement in this district and Defendant Patent Owner Mindspeed is subject to personal jurisdiction in this district.

#### **FACTUAL BACKGROUND**

18. The Patents-In-Suit are directed to various aspects of encoding and decoding of signals and signal transmission.

19. The first patent in suit, the '606 Patent, was duly and legally issued on July 3, 2001.

20. The second patent in suit, the '578 Patent, was duly and legally issued on October 10, 2006.

21. The third patent in suit, the '794 Patent, was duly and legally issued on August 14, 2001.

22. The fourth patent in suit, the '814 Patent, was duly and legally issued on January 14, 2003.

23. The fifth patent in suit, the '493 Patent, was duly and legally issued on September 4, 2007.

24. The sixth patent in suit, the '841 Patent, was duly and legally issued on October 14, 2003.

25. The seventh patent in suit, the '992 Patent, was duly and legally issued on August 15, 2000.

26. The eighth patent in suit, the '573 Patent, was duly and legally issued on May 7, 2002.

27. The ninth patent in suit, the '205 Patent, was duly and legally issued on March 25, 2003.

28. The tenth patent in suit, the '920 Patent, was duly and legally issued on January 20, 2004.

**Defendants' Products and Processes Infringe The Patents-In-Suit**

29. Defendants market, make, use, sell, offer for sale and/or import products and services that directly infringe, contributorily infringe and/or induce others to infringe, or are used to practice processes that infringe, one or more claims of the Patents-In-Suit. The Defendants' infringing products and services include, without limitation, products that operate according to the GSM standard and/or the W-CDMA standard and/or use AMR encoding and/or decoding.

**Plaintiff Has Been Irreparably Harmed  
by Defendants' Continued Infringement**

30. Plaintiff has been irreparably harmed by Defendants' infringement of its valuable patent rights. Moreover, Defendants' unauthorized, infringing use of systems